

## ABSTRACT OF THE DISCLOSURE

Methods and kits are provided for the detection and quantification of a protein. The methods comprise immobilizing the protein of interest on a substrate, the protein comprising an epitope and another portion, contacting the immobilized protein with a labeled ligand that binds to the epitope to yield a detectably labeled protein, detecting the detectably labeled protein, and quantifying the detectably labeled protein, and the kits comprise a sample of a standard protein, wherein the standard protein comprises an epitope and the sample is of a known concentration of the standard protein, and an aliquot of a labeled primary antibody having specificity for the epitope.